

Conversion od B Carotene into Vitamin A in
Cultures of Pseudomonas Aeruginosa, by A. A.
Dmitrovskiy and N. A. Starikova, 2 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,
Vol CLXIII, No 2, 1965, pp 495-496.

CB

Sci-Chem
May 66

Characteristics of the Cytochrome Composition
of Whole Cells and Mitochondria of the Yeast
Endomycesmagnusiy, by R. A. Zvyagil'skaya and
N. V. Karapetyan, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,
Vol CLXIII, No 2, 1965, pp 497-499.

CB

Sci-B&M
May 66

Testing the Homogeneity of Blood-Group
Substances by Means of Gel Filtration,
by N. K. Kochetkov and S. G. Kara-Murza,
et al, 2 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,
Vol CLXIII, No 2, 1965, pp 500-502.
CB

Sci-BGM
May 66

Biosynthesis of the A- and B-Chains of Insulin,
by S. A. Morenkova and A. S. Konikova, et al,

4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,
Vol CLXIII, No 2, 1965, pp 503-506.

CB

Sci-BGM

May 66

Pastion Coefficient od Anesthetics at hte
Boundary of the Solid and Liquid Phases of
Rabbit Sciatic Nerves, by N. T. Pryanishnikova,

4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,
Vol CLXIII, Ni 2, 1965, pp 507-510.

CB

Sci-BGN
May 66

Oligomerization of Homologous Elements in
Siphonophoran Colonies as one of the Charac-
teristics of Colonial Integration Among Sip-
honanthae, by S. D. Stepan'yants.
RUSSIAN, per, Dok Ak Nauk SSSR, Biological Sec,
Vol CLXIII, No 2, 1965, pp 519-522.

CB

Sci-BGM
Jul 66

305,764

The Process of Conjugation in Paramecium Puteinum
Clap et Lachm. V. and Regression to Amphimixis
in Mixotype B., by A. V. Yankovskiy,
Russia, per, Dok Ak Nauk SSSR, Bioloigcal Sec,
Vol CLXIII, No 2, 1965, pp 523-525.

CB

Sci-BiM
Jul 66

305,765

The Role of Hearing in Species Divergence and the
Evolution of Birds, by V. D. Il'ichev,
RUSSIAN, per, Dok Ak Nauk SSSR, Biological Sec,
Vol CLXIII, No 2, 1965, pp 526-528.

CB

Sci-B&M
Jul 66

305,737

Functional Characteristics of the Small Arteries
of the Cerebral Cortex, by G. I. Mchedlishvili
and D. G. Baradmidze,

RUSSIAN, per, Dok Ak Nauk SSSR, Biological Sec,
Vol CLXIII, No 2, 1965, pp 529-532,

GB

Sci-BGII
Jul 66

505,755

Penetration of Bromine into Tissues after Distribution of the Their Innervation, by Yu. A. Petrovich,
RUSSIAN, per, Dok Ak Nauk SSSR, Biological Sec,
Vol CLXIII, No 2, 1965, pp 533-536.
CB

Sci-BGII
Jul 66

305,756

Theory of branching of solutions of nonlinear
equations in the multidimensional case, by
P. G. Aizengendler, M. M. Vainberg, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 3, 1965, pp 543-546.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

Asymptotic Behavior of the solution of boundary
value problems for an elliptic equation in
narrow regions, by M. G. Dzavadov, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 3, 1965, pp 547-550.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

On the theory of interpolation, by D. L.
Berman, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 3, 1965, pp 551-554.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

Abstract equations with almost periodic
coefficients, by V. V. Zikov, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 3, 1965, pp 555-558.

Sov Math - Dok
Am Math Soc
Vol VI, NO 4, Jul-Aug 1965

Sci-Math
Jan 66

Monotone nonlinear operators in branch spaces,
by R. I. Kacurovskii, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 3, 1965, pp 559-562.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

On a certain class of inverse images of metric
spaces, by V. L. Kljusin, 2 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 3, 1965, pp 563-564.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

The limit sequence of an exact sequence of
inverse spectra, by V. Kuz'minov, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 3, 1965, pp 565-568.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

Regular three-color painting, by E. A. Loginov,
4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 3, 1965, pp 569-572.

Sov Math - Dok
Am Math Soc
Vol VI, No4, Jul-Aug 1965

Sci-Math
Jan 66

Reflexive spaces generalizing reflexive Orlicz
spaces, by G. Ja. Lozanovskii, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 3, 1965, pp 573-576,

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

On the Smoothness of Solutions of degenerate
Elliptic and Parabolic Equations, by O. A.
Olenik, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 3, 1965, pp 577-580.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

Unsolvability of the class of formulas of
type $\forall \exists$ in the constructive predicate
calculus, by V. P. Orevkov, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 3, 1965, pp 581-583.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

On Necessary and Sufficient conditiond for
the principlr of limited amplitude, by A. G.
Ramm, 3 p.
RUSSIAN, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 3, 1965, pp 584-586.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan66

Cubature Formulas with Regular boundary layers,
by S. L. Sobolev, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 3, 1965, pp 587-590.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

Incorrect problems of linear algebra and a
stable method for their solution, by A. N.
Tihinov, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 3, 1965, pp 591-594.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

Effect of Viscosity on the Mechanical
Behavior of Plastic Media, by I. A. Berezhnoi,
D. D. Ivlev, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
Vol CLXIII, No 3, 1965, pp 595-598.

Sov Phys-Dok
Am Inst Phys
Vol X, No 7, Jan 1966

Sci-Phys
Feb 66

Surges in the Solar Atmosphere, by S. O.
Obashev, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
Vol CLXIII, No 3, 1965, pp 599-602.

Gov Phys-Dok
Am Inst Phys
Vol X, No 7, Jan 1966

Sci-Phys
Feb 1966

Detection of a Radio Line Due to Excited
Hydrogen in the Nebula NGC 6618 (Omega),
by R. L. Sorochenko, E. V. Borodzich, 5 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
Vol CLXIII, No 3, 1965, pp 603-605.

Sov Phys-Dok
Am Inst Phys
Vol X, No 7, Jan 1966

NIC 71-1271-4

Sci-Phys
Feb 66

Optical and Photoelectric Properties of
ZnSiP₂ Single Crystals, by M. L. Belle,
Yu. A. Valov, et al, 3 p.
RUSSIAN, per, Dok Ak Mauk SSSR, Phys Section,
Vol CLXIII, No 3, 1965, pp 606-608.

Sov Phys-Dok
Am Inst Phys
Vol X, No 7, Jan 1966

Sci-Phys
Feb 66

Quadrupole Splitting and Disorder for Li⁷
in Amolygonite, LiAlPO₄(OH, F), by A. R.
Mkrtyan and A. S. Marfunin, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
Vol CLXIII, No 3, 1965, pp 609-612.

Sov Phys-Dok
Am Inst Phys
Vol X, No 7, Jan 1966

Sci-Phys
Feb 66

Effects of an Crystalline Phase in Amorphous
Selenium on the Signd of Dark and Light Charge
Carriers, by A. I. Myl'nikova, Yu. A. Cherkasov,
4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
Vol CLXIII, Ni 3, 1965, pp 613-616.

Sov Phys-Dok
Am Indt Phys
Vol X, No 7, Jan 1966

Sci-Phys
Feb 66

The High-Strength State in Glass, by L. G.
Baikova, F. F. Vitman, et al, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
Vol CLXIII, No 3, 1965, pp 617-620.

Sov Phys-Dok
Am Inst Phys
Vol X, No 7, Jan 1966

Sci-Phys
Feb 66

Motion of Macroscopic Gas Inclusions in NaCl
Single Crystals Under the Influence of Weak
Electric Fields, by Ya. E. Geguzin, N. N.

Ovcharenko, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
Vol CLXIII, No 3, 1965, pp 621-623.

Sov Phys-Dok
Am Inst Phys
Vol Xp No 7, Jan 1966

Sci-Phys
Feb 66

Laws of Heat Loss for Finely Dispersed
Flows, by V. S. Nosov, N. I. Syromyatnikov,
4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
Vol CLXIII, No 3, 1965, pp 624-627.

Sov Phys-Dok
Am Inst Phys
Vol X, No 7, Jan 1966

Sci-Phys
Feb 66

Effect of Cyclic Stress of the Tendency of
Technically Pure Iron to Cold Brittleness,
by K. V. Popov, Yu. V. Kiselev, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Section,
Vol CLXIII, No 3, 1965, pp 628-630.

Sov Phys-Dok
Am Inst Phys
Vol X, No 7, Jan 1966

Sci-Phys
Feb 66

The Influences of Mountains on Atmospheric
Humidity, by V. P. Lominadze and A. Kh.
Khrgian, 2 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 3, 1965, pp 631-633.
Am Geol Inst

Sci-Ear Sci
Apr 66

Instability Criterion of Chapman-Jouguet Detonations in Gases, by S. K. Aslamov,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem Sec,
Vol CLXIII, No 3, 1965, pp 667-670.
CL

Oct 06

312,947

A Thermodynamic Analysis of the Equilibria Involved in Ferriret Dissociations, by V. N. Bogo-
slovskiy, by A. N. Men;
RusSIA, per, Dok Ak Nauk SSSR, Phys Chem Sec,
Vol CLXIII, No 3, 1965, pp 671-673.
C.I.

Oct 66

512,948

Autocorrelation of Thermal Fluctuations in a
Dilute Binary Solution Near Its Critical Point,
by I. R. Krichevskii~~XXX~~ and L. A. Rott, et al,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem Sec,
Vol CLXIII, No 3, 1965, pp 674-676.

Cl:

Oct 66

512,949

A Calorimetric Study of the Hydratior of Sodium
Metasilicate, by O. I. Luk'yanova,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem Sec,
Vol CLXIII, No 3, 1965, pp 677-680.

CB

Oct 66

312,950

Linkage og the Callovian Oxfordian Marine
Basins of the Russian Platform an the Gissara,
by K. Amanniyazov, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 3, 1965, pp 691-~~693~~.
Am Geol Inst

Sci-Ear Sci
Apr 66

A Mathematical Description of the Process
of Continuous Culturing of Microalgae, by I.
I. Gitel'zon, B. G. Kovrov, and N. A. Ters-
kov, 6 pp.
RUSSIAN, per, Doklady akademii nauk SSSR,
Vol 165, No 3, 1965, pp. 692-695.
JPRS 33831

USSR
Sci-B/M
Jan 66

295,022

More facts on the Structure of the Pre-riphean
Basement of the Okhotsk Median Massif, by
G. A. Grinberg, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Scu Sec,
Vol CLXIII, No 3, 1965, pp 694-697.
Am Geol Inst

Sci-Enr Sci
Apr 66

A Buried Late Paleozoic Skarn Zone in the
Basement Complex of Central Ciscaucasia, by
A. Ya. Dubinskiy and N. A. Matsenko, et al,
3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 3, 1965, pp 698-701.
Am Geol Inst

Sci-Ear Sci
Apr 66

Baiklaian Folding and Till-Type Conglomerates
in the Caledonian Sequences of Europe and
Greenland, by K. A. Klitin, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 3, 1965, pp 702-705.
Am Geol Inst

Sci-Bar Sci
Apr 66

Structure and Geomorphology of the Skoplje
Basin in Connection with the Destructive
Earthquake of July 26, 1963, by D. A. Lilli-
yenberg, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 3, 1965, pp 706-710.
Am Geol Inst

Sci-Ear Sci
Apr 66

Type and Rate of Recent Vertical Crustal
Movements in the Baltic Sea Area, by
O. V. Yakubovskiy, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 3, 1965, pp 710-713.
Am Geol Inst

Sci-Ear Sci
Apr 66

Formation of Kotoite and Ludwigite in
a Glass Furnace, by L.I. Karyakin and
V.M. Tsynkina, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 3, 1965, pp 714-717.
Am Geol Inst

Sci-Ear Sci
Apr 66

Magbasite, a New Mineral, by Ye, I.
Semenov, AP. Khomyakov, et al, 2 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sci Sec,
Vol CLXIII, No 3, 1965, pp 718-719.
Am Geol Inst

Sci-Mar Sci
Apr 66

Cordierite-Polyamphibole and Anthophyllite
Cordierite Rocks of teh North Krivoy Rog
Districty, by V.I. Goroshnikov and L.D.
Yur'yev, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sci Sec,
Vol CLXIII, No 3, 1965, pp 720-723.
Am Geol Inst

Sci-Ear Sci

Apr 66

Geochemical Mobility of Minor Elements in
Diagenesis, by P.V. Maritskiy, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 3, 1965, pp 724-727.
Am Geol Inst

Sci-Ear Sci
Apr 66

Status of Umbella, by B.V. Poyarkov, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 3, 1965, pp 728-740.
Am Geol Inst

Sci-Ear Sci
Apr 66

An Electron-Microscopic Analysis of the Neuro-
secretory Elements of the Neuro-Intermediate
Lobe of the Hypophysis in the Black Sea Skate,
by A. L. Polenov and M. A. Belen'skiy,
RUSSIAN, per, Dok Ak Nauk SSSR, Biological Sec,
Vol CLXIII, No 3, 1965, pp 731-733.

CB

Sci-BGM
Jul 66

305,729

Antitoxic Properties of Leucocytes, by V. E.
Pigarevskiy and G. I. Il'in,
RUSSIAN, per, Dok Ak Nauk SSSR, Biological Sec ,
Vol CLXIII, No 3, 1965, pp 734-736.

CB

Sci-B&M
Jul 66

305,744

Effect of Proteinases of Mold Fungi on the Blood Thrombi, by A. A. Imshenetskiy and S. Z. Brotskaya, RUSSIAN, per, Dok Ak Nauk SSSR, Biological Sec, Vol CLXIII, No 3, 1965, pp 737-740.

CB

Sci-BGM
Jul 66

305,747

Synthesis of Glutamic Acid From - Ketoglutaric Acid and Ammonium Carbonate in Homogenates of Livers of Sheeps of Different Meat Productivities and Maintained on Diets of Different Protein Content, by V. V. Koval'skii and D. Ya. Lutskii,
3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,
Vol CLXIII, No 3, 1965, pp 758-760.

CB

Sci-B&M
May 66

Utilazztion of Methylviologen as an Electron
Acceptor in Photochemical Reactions of Chloro-
phyll wiht Reduced Nicotinamide Nucleotides, by
A. A. Krasnovskii and G. P. Brin, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,
Vol CLXIII, No 3, 1965, pp 761-764.
CB

Sci-Chem
May 66

Chromatographic Analysis and Preparative
Sparation of Mixtures of Gibberellins, by
V. F. Kucherov and I. A. Gur'ich, et al,
2 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,
Vol CLXIII, No 3, 1965, pp 765-767.
CB

Sci-Chem
May 66

Dehydrogenatin and Reduction of Ring A of
 Δ^4 - 3 - Ketosteroids by Cell-Free Preparations
From Mycobacterium Globiforme, by N. N. Les-
trovaya and M. I. Nazaruk, et al, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,
Vol CLXIII, No 3, 1965, pp ~~XXXX~~ 768-770.

EB

Sci-Chem

May 66

Biological Activity of Some Polyglucosides,
by M. E. Preobrazhenskaya and V. M. Kuznetsova,
3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,
Vol CLXIII, No 3, 1965, pp 771-773.
CB

Sci-B&M
May 66

Inhibitory Effect of Propyl Gallate on
Oxidative Phosphorylation and Respiration
in Mitochondria of Liver and Solid Mouse
Hepatoma Cells, by L.P. Semenova and T. A.
Nikol'skaya, et al, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,
Vol CLXIII, No 3, 1965, pp 774-776.

CB

Sci-B&M
May 66

Neurodynamic Peculiarities of Zones of the Cerebral Cortex in Man, by S. D. Amrom,
RUSSIAN, per, Dok Ak Nauk SSSR, Biological Sec,
Vol CLXIII, No 3, 1965, pp 777-780.
CB

Sci-B&W
Jul 66 305,757

Study of the Limiting Factors of Glycolysis
in the Embryo of Teleost Fishes, by Yu. G.
Yurovitskiy and L. S. Mil'man,
RUSSIAN, per, Dok Ak Nauk SSSR, Biological Sec,
Vol CLXIII, No 3, 1965, pp 781-783.

CB

Sci-B&M
Jul 66

305,733

Estimates in the theory of eigenfunctions
of Schrodinger's equation for many particles,
by I. I. Bavrin, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 4, 1965, pp 791-794.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1966

Sci-Math
Jan 66

Estimates in the theory of regular functions
of several complex variables, by F. A. Berezin.,
4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 4, 1965, pp 795-798.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

A theorem on the representation of a certain
class of functions, by Ja. S. Bugrov, 2 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 4, 1965, pp 799-800.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

A three-cylinder theorem and its applications,
by R. Ja. Glagoleva, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 4, 1965, pp 801-804.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan66

Nonlinear Parabolic equations of nondivergence form, by Ju. A. Dubinskii, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 4, 1965, pp 805-808.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

A Contribution to the theory of finite matrices,
by S. M. Lozinskii, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 4, 1965, pp 809-811.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

Continuos dependence on the shift of the solutions
of a singular integral equation with a shift, by
G. M. Magomedov, 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 4, 1965, pp 812-814.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

The existence in the three-valued logic of a closed class with finite basis, not having a finite complete system of identities, by V. L. Murskii, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Bol CLXIII, No 4, 1965, pp 815-818.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

A Singular operator in a scale of Banach spaces,
by L. V. Ovsjannikov, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 4, 1965, pp 819-822.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

A generalization of Skljarenko's theorem, by
Ju. P. Orevkov, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 4, 1965, pp 823-826.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

Properties of the sums of some sine and cosine series, by I. N. Pak, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 4, 1965, pp 827-829.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

The perturbation method on the theory of
dynamic stability of systems with distributed
parameters, by V. N. Fomin, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section
Vol CLXIII, No 4, 1965, pp 830-833.

Sov Math - Dok
Am Math soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

A Cauchy problem and a boundary value problem
for certain nonlinear ordinary differential
equations of second order, by V. P. Sirkov,
3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 4, 1965, pp 834-836.

Sov Math - Dok
Am Math Soc
Vol VI, No 4 Jul-Aug 1965

Sci-Math
Jan 66

Abstract characteristics of a simple projective group of type $PGL(2, K)$ over a field K , of characteristic $r = 0$ or 2 , by V. P. Sunkov,
4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Math Section,
Vol CLXIII, No 4, 1965, pp 837-840.

Sov Math - Dok
Am Math Soc
Vol VI, No 4, Jul-Aug 1965

Sci-Math
Jan 66

An Addressing Method Using Concise Word
Codes as Memory Addresses, by K. I. Kurbakov,
6 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol CLXIII, No 4, pp. 341-344.
JPRS 32658

USSR
Sci-Math/IP
Nov 65 291,088

An Addressing Method Using Condensed Word Codes
as Memory Addresses, by K. I. Kurbakoy, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIII, No 4, Aug 1965, pp 841-844.

Sov Phys-Dok
Am Inst Phys
Vol X, No 8, Feb 1966

Sci-Phys
Mar 66

Deletion-, Insertion-, and Substitution-
Correcting Binary Codes, by V. I. Levensh-
teyn, 3 pp.

RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol CLXIII, No 4, 1965, pp. 845-848.

JPRS 32659

USSR
Sci-Math/DP
Nov 65

291,087

Binary Codes Capable of Correcting Deletions
Insertions, and Reversals, by V. I. Leven-
shtein, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIII, No 4, Aug 1965, pp 845-848.

Sov Phys-Dok
Am Inst Phys
Vol X, No 4, Feb 1966

Sci-Phys
Mar 66

Temperature Differences at Surfaces in Poly-
atomic Gases, by E. V. Stupochenko, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIII, No 4, Aug 1965, pp 849-852.

Sov Phys-Dok
Am Inst Phys
Vol X, No 8, Feb 1966

Sci-Phys
Mar 66

Shortwave Aysmptotic Behavior of the Eigen-
functions of the Helmholtz Equation, by
V. S. Buldyrev, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIII, No 4, Aug 1965, pp 853-856.

Sov Phys-Dok
Am Inst Phys
Vol I, No 8, Feb 1966

Sci-Phys
Mar 66

Solving the Kinetic Transfer Equation by the
Separation Method, by G. I. Marchuk, V. S.
Buldyrev, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIII, No 4, Aug 1965, pp 857-860.

Sov Phys-Dok
Am Inst Phys
Vol X, No 8, Feb 1966

Sci-Phys
Mar 66

Some Relations Between Physicals Constants,
by Robert Oros di Bertini, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIII, No 4, Aug 1965, pp 861-864.

Sov Phys-Dk
Am Inst Phys
Vol I, No 8, Feb 1966

Sci-Phys
Mar 66

Zeolites as a Means of Minimizing Hydrocarbon
Contamination in Electron Microscopes, by
Gl. S. Zhdanov, V. N. Vertsner, 2 p.
RUSSIAN per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIII, No 4, Aug 1965, pp 865-867.

Sov Phys-Dok
Am Inst Phys
Vol X, No 8, Feb 1966

Sci-Phys
Mar 66

Energy Band-Structure of Some Crystals
Belonging to the A₁B₁C₁ Group, by F. P.
Kesamanly, S. G. Kroitoru, et al, 2 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIII, No 4, Aug 1965, pp 868-869.

Sov Phys-Dok
Am Inst Phys
Vol X, No 8, Feb 1966

Sci-Phys
Mar 66

Maser Action by a Crystal Moving in a Resonator,
by B. L. Livshits, and V. N. Tsikunov, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIII, No 4, Aug 1965, pp 870-872.

Sov Phys-Dok
Am Inst Phys
Vol I, No 8, Feb 1966

Sci-Phys
Mar 66

Investigation of the Flows of solar Plasma
at Interplanetary Station Zond-2, by
V. V. Bezrukikh, K. I. Gringauz, S. P.
Moshkin, per, Dok Ak Nauk SSSR, Vol CLIII,
No 4, 1965, pp 675-676. TPS006260
FBI - NY-65-1946

sci - space Tech
sec 66

514,200

Thermographic Study of the Fusion of Polyethylene, by R. A. Baltenas and L. A. Igonin,
RUSSIAN, per, Doklady Akademii Nauk SSSR, Physical Chemistry Section, Vol CLXIII, No. 9, 1965

PL 917-919

68

Oct 66

512,951

Rules for the Conversion of Ethylene and
Acetylene During the High = Temperature
Decomposition of Hydrocarbons, by A. H.
Brodskiy and R. A. Kalinenko, et al,
Russia, per, Dok Ak Nauk SSSR, Phys Chem Sec,
Vol CLXIII, No 4, 1965, pp 920-923,
CB

Oct 66

312,952

Rule for the Distribution of the ~~SHANNON~~ Specific Surface of Pores of an Isotropic Porous Medium,
by I. A. Bukhbinder,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem Sec,
Vol CLXIII, No 4, 1965, pp 924-926.
CB

Oct 66

312,953

Study on the EPR Spectrum of Rarefied Hydrogen
Sulfide Flames, by Yu. M. Gershenson and A. E.
Naibabdyan,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem Sec,
Vol CLXIII, No 4, 1965, pp 927-930.

CB

Oct 66

312,954

On the Nature of the Ultraweak Luminescence of
Irradiated Solution of Deoxyribonucleic Acid
(DNA), by G. P. Zhizhina and K. E. Kruglyakov,
et al,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem Sec,
VI CLXIII, No 4, 1965, pp 931-934.
CB

Oct 66

512,88055

Spectral Detection of Molecular Anion Radicals
in the Adsorption of Vapors of Electron Acceptor
Molecules on Oxides, by Yu. D. Pimenov and
V. E. Kholmogorov, et al,
RUSSIAN, per, Dok ak Nauk SSSR, Phys Chem Sec,
Vol CLXIII, No 4, 1965, pp 935-938.

CB

Oct 66

312,956

Effect of Monolayers of Soluble and Insoluble
Surfactants on the Energy Dissipation of Stationary
Surface Waves, by D. Tissen and A. Shchudko,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem Sec,
Vol CLXIII, No 4, 1965, pp 939-941.

CB

Oct 66

312,957

Investigation of Solar Plasma Streams by
the Interplanetary Station Zond 2, by V.V.
Bezrukikh and K. I. Gringauz, et al, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 4, 1965, pp 873-876.
Am Geol Inst

Sci-Ear Sci
Apr 66

Morphostructural Features of Central Ciscaucasia
and their Significance in the Definition of
Tectonic Gas-bearing Structures, by S.K. Gorelov,
3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 4, 1965, pp 945-947.
Am Geol Inst

Sci-Ear Sci
Apr 66

Neptunic Dikes Paleocene Sediments of the
Orsk District of the Urals, by V.V. Gudosh-
nikov, 2 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 4, 1965, pp 948-949.
Am Geol Inst

Sci-Ear Sci
Apr 66

Palynologic Features of the Devonian of the
Ukhta District, by P. I. Motovilov, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 4, 1965, pp 950-951.
Am Geol Inst

Sci-Ear Sci
Apr 66